



VENEER LOG PRODUCTION AND CONSUMPTION IN THE SOUTHEAST, 1963

Production

North Carolina was the Southeast's leading producer of veneer logs in 1963 with 140 million board feet--29 percent of the more than 484 million board-feet total. Georgia ranked second, with 129 million board feet, and was followed by Florida, South Carolina, and Virginia, respectively (table 1). This information was obtained from a canvass of veneer mills that drew wood from the Southeast in 1963. Veneer log receipts were reported by state of origin. An undetermined volume of logs cut in the region and exported outside the United States is not included.

Southern bottomland hardwoods provided the bulk of veneer logs produced. Three species--sweetgum, blackgum, and tupelo--supplied 60 percent of total production. Another 20 percent was cut from yellow-poplar. Other leading species, in order of volume produced, were red oak, bay and magnolia, white oak, and soft maple. Relatively small volumes of pine and other softwoods were cut for veneer. It remains to be seen just how much effect the new southern pine plywood industry will have on veneer log production in the Southeast.

Consumption

Domestic veneer log consumption at the 166 southeastern mills amounted to almost 502 million board feet. The pattern of veneer log consumption in the region was somewhat similar to production, although there was considerable interstate movement of veneer logs. North Carolina, with 61 firms purchasing veneer logs, was the leading consumer. Georgia, South Carolina, Florida, and Virginia followed in that order (table 2). The veneer industry is quite diversified in North and South Carolina, and large quantities of veneer are consumed by the furniture industry in addition to that used for hardwood plywood and containers. Virginia, the smallest consumer of veneer logs in volume, is oriented toward the production of high-quality face veneer. This State consumed almost 98 percent of the foreign veneer logs imported into the Southeast in 1963. Georgia and Florida are oriented toward the manufacture of container veneer. Locally, both veneer log production and consumption are sensitive to widespread fruit and vegetable crop failures, such as the ones brought about by late seasonal freezes, or abnormally severe winter freezes that extend south of the normal freeze lines. These crop failures seriously affect the fruit and vegetable container markets in certain areas.

Veneer Log Movement

Domestic imports exceeded domestic exports by over 17 million board feet. The imports were mostly quality logs of select species which can be transported great distances because of their high value. Only 60 percent of Virginia's total consumption was produced within the State. Although each of the five southeastern states retained 80 percent or more of their veneer log production, there was considerable exchange of veneer logs within the Southeast, particularly between North Carolina and Virginia (figures 1 and 2).

Veneer Plant Wood Residues

It is estimated that over 32 million cubic feet of wood residues were produced by the southeastern veneer mills during 1963. The canvass of these mills indicated that slightly over one-half of the residues were used for industrial fuel--primarily by the plants themselves in drying their veneer. The second most important use of residues in terms of volume was for the manufacture of fiber products, such as pulp and hardboard, and it is estimated that 30 percent were used for this purpose. Other uses of residues were for posts, pallets, stakes, excelsior, and domestic fuel. Only about 10 percent of the residues were burned as waste or unused.

Plant Locations

In the tabulation on the last page of this report, we have identified the 166 southeastern veneer plants contacted in this study. Though an effort was made to locate all plants active in 1963, a few may have been overlooked or misclassified. Omission of a firm, therefore, is no reflection upon its activities; neither does inclusion constitute a recommendation.

Table 1.--Veneer log production in the Southeast by source, destination, and species, 1963¹

Source	Destination	Species												Percent of total		
		Pine	Other softwoods ^a	Sweetgum	Black and tupelo gums	Yellow-poplar	Soft maple	Bay and magnolia	Other soft hardwoods ^a	Red oak	White oak	Hickory	Ash		Other hard hardwoods ^a	Total
----- Thousand board feet ^b -----																
Florida	Florida	3,092	5,382	26,122	25,987	1,921	1,544	7,354	85	620	479	623	2,046	--	75,255	15.5
	Other SE states	--	--	1,295	1,482	212	6	1,364	--	33	--	--	--	--	4,392	.9
	Outside SE	--	--	1,121	2,286	1,058	54	613	112	--	--	7	269	120	5,640	1.2
	Total	3,092	5,382	28,538	29,755	3,191	1,604	9,331	197	653	479	630	2,315	120	85,287	17.6
Georgia	Georgia	1,055	191	32,558	47,241	24,111	6,188	5,116	1,008	2,761	2,004	665	365	435	123,698	25.5
	Other SE states	--	--	825	454	611	15	216	71	272	--	294	6	38	2,802	.6
	Outside SE	--	--	871	1,152	195	8	276	38	--	--	--	--	25	2,565	.5
	Total	1,055	191	34,254	48,847	24,917	6,211	5,608	1,117	3,033	2,004	959	371	498	129,065	26.6
North Carolina	North Carolina	3,183	601	45,717	38,221	30,153	1,787	--	1,463	5,057	1,889	293	408	249	129,021	26.7
	Other SE states	--	101	2,303	1,604	2,787	148	--	15	2,548	1,498	--	113	207	11,324	2.3
	Outside SE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Total	3,183	702	48,020	39,825	32,940	1,935	--	1,478	7,605	3,387	293	521	456	140,345	29.0
South Carolina	South Carolina	1,335	2	26,785	20,714	9,416	1,070	--	1,327	12,274	3,120	394	735	32	77,204	15.9
	Other SE states	--	--	2,438	1,559	2,687	15	1	88	263	--	40	41	--	7,132	1.5
	Outside SE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Total	1,335	2	29,223	22,273	12,103	1,085	1	1,415	12,537	3,120	434	776	32	84,336	17.4
Virginia	Virginia	4	117	7,366	3,664	16,457	143	--	1,333	4,138	2,635	15	124	339	36,335	7.5
	Other SE states	142	66	822	507	6,483	77	--	75	201	189	--	12	14	8,588	1.8
	Outside SE	--	--	123	--	111	--	--	--	61	32	26	2	40	395	.1
	Total	146	183	8,311	4,171	23,051	220	--	1,408	4,400	2,856	41	138	393	45,318	9.4
Southeast	Southeast	8,811	6,460	146,231	141,433	94,838	10,993	14,051	5,465	28,167	11,814	2,324	3,850	1,314	475,751	98.2
	Outside SE	--	--	2,115	3,438	1,364	62	889	150	61	32	33	271	185	8,600	1.8
	Total	8,811	6,460	148,346	144,871	96,202	11,055	14,940	5,615	28,228	11,846	2,357	4,121	1,499	484,351	100.0
Percent of total		1.8	1.3	30.6	29.9	19.9	2.3	3.1	1.2	5.8	2.4	0.5	0.9	0.3	100.0	--

¹ Does not include veneer logs produced in the Southeast and exported outside the United States.² Includes cypress and redcedar.³ Includes sycamore, basswood, cottonwood, cherry, cucumber, elm, hackberry, and willow.⁴ Includes walnut, birch, beech, pecan, and hard maple.⁵ International 4-inch rule.

Table 2.--Veneer logs consumed at Southeastern mills by state, source, and species, 1963

Source and species	State					Total	Percent of total
	Florida	Georgia	North Carolina	South Carolina	Virginia		
----- Thousand board feet -----							
Source							
Florida	75,255	4,392	--	--	--	79,647	15.7
Georgia	849	123,698	1,145	770	38	126,500	25.0
North Carolina	--	--	129,021	2,341	8,982	140,344	27.7
South Carolina	--	2,477	4,655	77,204	--	84,336	16.6
Virginia	--	--	8,570	18	36,335	44,923	8.9
Other domestic ^a	4,429	615	9,933	246	10,948	26,171	5.2
Foreign ^b	--	--	60	49	4,358	4,467	.9
Total	80,533	131,182	153,384	80,628	60,661	506,388	100.0
Percent of total	15.9	25.9	30.3	15.9	12.0	100.0	--
Species							
Pine	3,108	1,055	3,325	1,335	4	8,827	1.7
Other softwoods ^c	5,382	192	648	20	1,448	7,690	1.5
Sweetgum	27,284	34,835	48,309	27,943	8,997	147,368	29.1
Black & tupelo gums	27,800	49,991	39,296	21,320	4,872	143,279	28.3
Yellow-poplar	3,215	24,664	48,838	9,834	26,096	112,647	22.2
Soft maple	1,551	6,233	1,863	1,122	255	11,024	2.2
Bay & magnolia	8,244	6,555	--	--	--	14,799	2.9
Other soft hardwoods ^d	156	1,064	1,671	1,347	3,091	7,329	1.4
Red oak	620	3,041	5,900	13,253	6,096	28,910	5.7
White oak	479	2,004	2,232	3,120	4,208	12,043	2.4
Hickory	645	706	559	422	15	2,347	.5
Ash	2,049	407	420	831	163	3,870	.8
Other hard hardwoods ^e	--	435	263	32	1,058	1,788	.4
Foreign species ^f	--	--	60	49	4,358	4,467	.9
Total	80,533	131,182	153,384	80,628	60,661	506,388	100.0

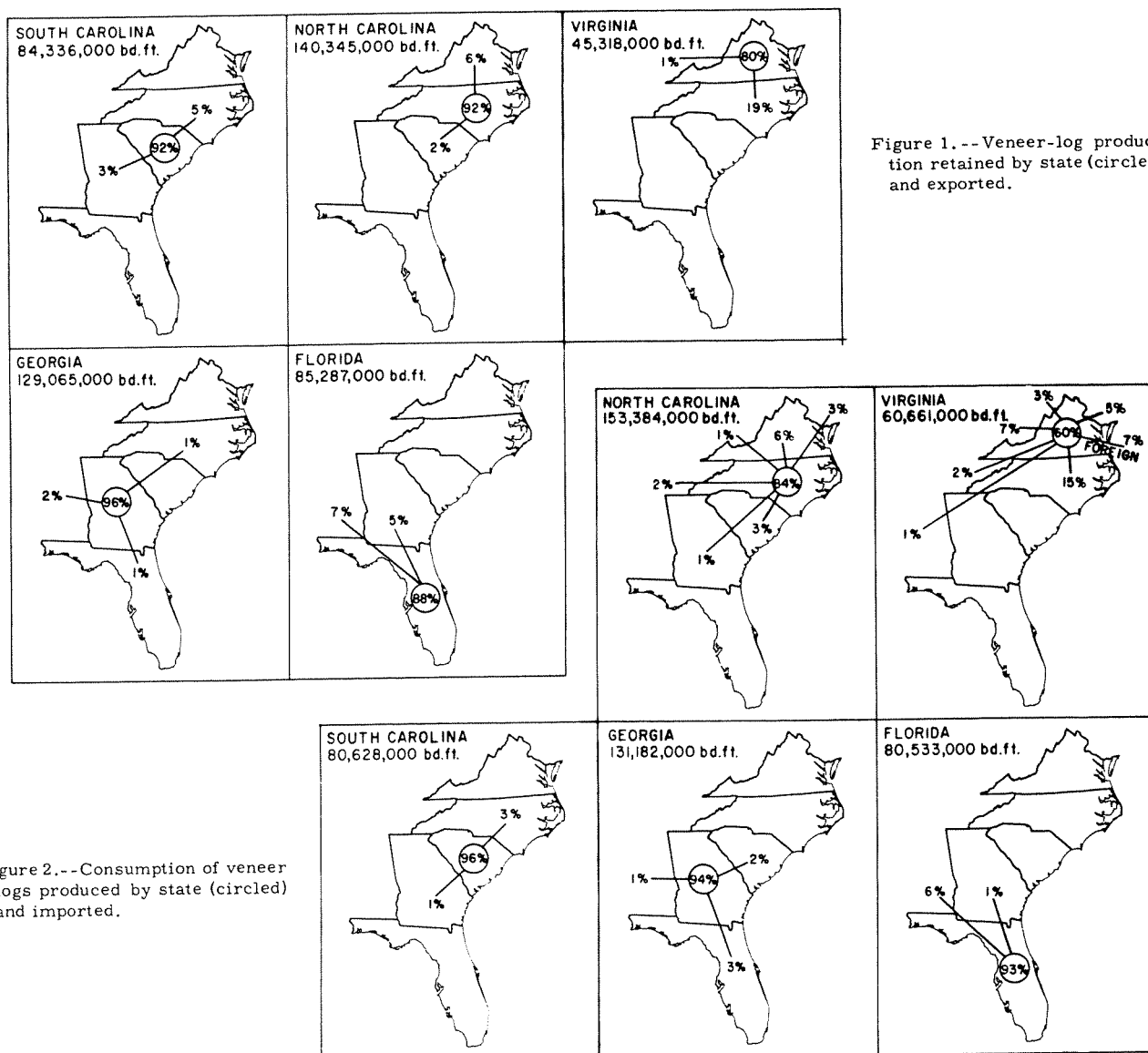
¹ International 1/4-inch rule.² Domestic source outside the Southeast.³ Origin outside the United States.⁴ Includes cypress and redcedar.⁵ Includes sycamore, basswood, cottonwood, cherry, cucumber, elm, hackberry, and willow.⁶ Includes walnut, birch, beech, pecan, and hard maple.⁷ Includes mahogany, primavera, obeche, avodire, and others.

Figure 1.--Veneer-log production retained by state (circled) and exported.

Figure 2.--Consumption of veneer logs produced by state (circled) and imported.

PLANT AND LOCATION, 1963

Florida

Adkins Manufacturing Co., Gainesville
Franklin Lumber & Basket Co., Micanopy
Coastal Variety Works, Inc., Blountstown
Neal Lumber & Manufacturing Co., Inc., Blountstown
Cross City Veneer Co., Cross City
Jacksonville Box Co., Jacksonville
Southern Plywood Corp., Cantonment
Bruce Veneer Co., Ponce de Leon
Lloyd Williams Veneer Co., Cottondale
Berry Veneer & Plywood Co., Inc., Monticello
Talley's Box Co., Inc., Leesburg
Walling Crate Co., Leesburg
Elberta Crate & Box Co., Tallahassee
Brice Crate, Inc., Bronson
Florida Veneer, Inc., Hosford
Florida Plywoods, Inc., Greenville
Jackson Veneer Co., Inc., Laurel Hill
Talley's Box Co., Inc., Palatka
Jax Veneer Co., National Gardens
Muller Crate Co., Pierson
Howell Industries, Inc., Caryville

Georgia

Snively Groves Box Div., Baxley
Suwanee Mills, Inc., Baxley
Maxwell Wirebound Box Co., Macon
Southern Crate & Veneer Co., Macon
Bradley Plywood Corp., Savannah
Georgia-Pacific Corp., Savannah
Pierpont Mfg. Co., Savannah
Alexander Wood Products, Inc., Athens
Talley's Veneer & Crate Co., Inc., Adel
Elberta Crate & Box Co., Bainbridge
Norwood Basket Mill, Cumming
Cornelia Veneer Co., Cornelia
Perry Veneer Co., Perry
Dykes Veneer Co., Inc., Farrar
Georgia Plywood Corp., Dublin
C. A. Hodges Veneer Co., Ludowici
Prinsho Veneer Co., Inc., Valdosta
Valdosta Plywoods, Inc., Valdosta
Manchester Veneer Co., Inc., Manchester
Meriwether Lumber Co., Woodbury
Alexander-Harris, Inc., Pelham
Pearson Basket Mills, Fort Valley
C. & H. Veneer Co., Hawkinsville
Farris Plywood Co., Cuthbert
Augusta Veneer Co., Augusta
Cox Veneer Co., Pomona
Edgar Thaxton, Pomona
Truax Veneer Co., Inc., Lyons
Simmons Co., Tennile
Georgia Lumber & Veneer Corp., Toombsboro

North Carolina

McLeod Plywood Box Co., Wadesboro
Edinburg Industries, Chocowinity
Lea Lumber & Plywood Corp., Windsor
Stubbs Veneer Co., Inc., Windsor
Gramwood of Carolina, Inc., Clarkton
Caldwell Furniture Co., Lenoir
Lenoir Veneer Co., Lenoir
National Veneer Co., Lenoir
Mundy's Lumber & Veneer Co., Marble
Smoky Mountain Fiber Co., Murphy
Timber Products Co., Regal
Chowan Veneer Co., Inc., Edenton
Lay Manufacturing Co., Hayesville
Chadbourn Veneer Co., Chadbourn
Craven Log & Veneer Co., Bridgeton
Horner Veneer Corp., New Bern
Thomason Plywood Corp., Fayetteville
Carolina Veneer, Inc., Thomasville
Davidson Veneer Co., Inc., Lexington
Gordon Veneer Co., Lexington
Linwood Manufacturing Co., Linwood
Southern Veneer Co., Inc., Thomasville
Thomasville Veneer Co., Thomasville
Calypso Plywood Co., Inc., Calypso
Rural Hall Veneer Co., Rural Hall
Sheppard Veneer Co., Winston-Salem
Franklin Veneer Co., Franklinton
Armentrout Veneer Co., Inc., High Point
Weldon Veneer Co., Inc., Weldon
Milwaukee Basket Co., Inc., Murfreesboro
Riverside Manufacturing Co., Inc., Murfreesboro
Statesville Plywood & Veneer Corp., Statesville

PLANT AND LOCATION, 1963

North Carolina (continued)

Benson Veneer Co., Benson
Womble Veneer Co., Sanford
Critchler Lumber & Veneer Co., Williamston
Williamston Plywood Corp., Williamston
Goblet Veneers, Inc., Whitakers
Corbett Package Co., Wilmington
J. M. Brown & Son, Woodland
Elizabeth City Veneer Co., Elizabeth City
Prescott Products Corp., Elizabeth City
Burgaw Veneer Co., Inc., Burgaw
Pender Veneer Co., Burgaw
Hertford Veneers, Inc., Hertford
Liberty Veneer Co., Inc., Liberty
Quality Veneer Co., Inc., Liberty
Hasty Veneer Co., Inc., Maxton
Rowland Wood Products Co., Inc., Rowland
Thompson Veneer Co., Cleveland
Wright Veneer Co., Inc., Spindale
Denny Plywood Co., Roseboro
Laurinburg Plywood Corp., Laurinburg
Norwood Veneer Co., Norwood
Walnut Cove Veneer Corp., Walnut Cove
Alexander Wood Products, Pisgah Forest
Beck Brothers Veneer Co., Inc., Zebulon
Carolina Plywood Co., Inc., Apex
Taylor Veneer & Plywood Co., Mount Olive
Wilson Veneer Co., Wilson
Carolina Basket Co., Yadkinville
J. M. McKnight Basket Co., Yadkinville

South Carolina

Hodges Veneer Co., Fairfax
Denmark Veneer Co., Denmark
Kearse Manufacturing Co., Olar
Highland Crate Corp., St. Stephen
Cheraw Veneer Co., Cheraw
R. W. Harrison & Sons, Inc., Walterboro
Darlington Veneer Co., Inc., Darlington
Dillon Veneer & Plywood Co., Dillon
Winnsboro Veneer Co., Winnsboro
Carolina Veneer & Plywood Co., Florence
Carter Mfg. Co., Lake City
King Veneer Co., Inc., Florence
Marsh Plywood Corp., Pamplico
Tinsley Plywood Corp., Florence
Brooks Veneer Co., Andrews
Santee Veneer Co., Georgetown
Beaufort Wood Products Co., Yemassee
Stilley Plywood Co., Inc., Conway
Powe Veneer Co., Camden
Standard Plywoods, Inc., Clinton
Long Basket Works, Lexington
W. B. Rasts Sons Co., Swansea
Roof's Basket Works, Lexington
Bennettsville Veneer Co., Bennettsville
Davis Wood Products, Inc., Blenheim
Carolina Veneer Co., Inc., Orangeburg
Carolina Wirebonds, Inc., Springfield
Elloree Veneer Co., Elloree
U. S. Plywood Corp., Orangeburg
The Plywood Co., Sumter
Drexel Furniture Co., Kingstree

Virginia

Blue Ridge Veneer & Plywood Corp., Afton
Burkeville Veneer Co., Inc., Amherst
Berryville Basket Co., Inc., Berryville
W. D. Perkins & Son, Kents Store
Columbia Veneer & Plywood Corp., Rocky Mount
Ferrum Veneer Corp., Ferrum
Franklin Veneer & Lumber Co., Rocky Mount
Interstate Veneer Company, Inc., Emporia
Hanover Veneer Co., Doswell
American Furniture Co., Martinsville
Valley Veneer Co., Bassett
Atlas General Industries, Inc., Suffolk
Farmers, Inc., Suffolk
Norfolk Veneer Mills, Inc., Portsmouth
Penrod, Jurden & Clark Co., Norfolk
Planters Mfg. Co., Portsmouth
The Dean Co., Portsmouth
Burkeville Veneer Co., Inc., Burkeville
Virginia-Carolina Veneer Corp., Danville
Riggs Veneer Corp., Pulaski
Theodore K. Hann & Son, Franklin
Tidewater Veneer Co., Fredericksburg
Old Dominion Plywood Corp., Bristol